

# Basic Cloud Types

## Summary

The students will observe and identify the three basic cloud types (i.e., cumulus, stratus, cirrus)

## Time Frame

5 class periods of 30 minutes each

## Materials

Cameras, computers, books, magazines, encyclopedias

## Student Prior Knowledge

The students will be aware that there are various types of clouds and that each type of cloud usually determines the kind of weather we experience.

## Intended Learning Outcomes

Make predictions based on observations and current knowledge.

## Instructional Procedures

Step 1: The teacher will explain, define, and show the three basic cloud types. Step 2: The teacher will discuss the weather associated with each cloud type. Step 3: The students will create a picture representing the three cloud formations utilizing cotton balls at the elevations which they form. Students will label and briefly describe the weather for each representation. Step 4: The class will go on a walkabout to take pictures of the various cloud formations. This activity will occur over the course of several days. Students will take notebooks and journal what they observe. Step 5: Students will research the cloud combinations on the internet . Step 6: The students will classify the cloud pictures after transferring them to the computer. The students will print off their photos and will collectively create a chart combining all of the pictures according to the cloud category they fall under. Step 7: The class will share their project with a second grade class.

## Extensions

After studying the basic cloud types students may work in small groups researching on internet and other mediums about hurricanes, tornadoes, etc. Student will generate a report of their findings. The report can be a PowerPoint, written report, oral presentation, etc.

## Rubrics

[Science Lab Report Rubric](#)

## Bibliography

Jordan School District TRB USA Today Weather

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